



"ICT"

December Exam (Theme 1 + Theme 2 lessons 1, 2 and 3)

Lesson1

Q1.Choose

1. Archaeologists use this tool to locate things above the ground.

   (GPR / magnetometer / GPS)

2. Archaeologists use this tool to locate things under the ground

   (GPR / drone / GPS)

3. You want to see if there are any old coins buried underground, you will use ……

   (Drone / GPS / GPR)

4. You receive a message from a friend who is lost and you want to try to find them, you will use ………….

   (GPR / magnetometer / GPS)

5. You want to find out if there are any old buildings under the ground, you will use ………

   (Drone / GPS / GPR)

Q2.Put true (✓) or false (×)

1. Magnetometer used to discover minerals under the ground. (   )
2. GPR is used to discover buried bodies under the ground. (   )
3. Engineers use magnetometer to indicate building places. (   )
4. Tourist doesn't need GPR to know places. (   )
5. The basic target from adding GPS to mobile phones to know the archaeological places. (   )
6. Magnetometer uses to discover minerals below the ground. (   )

Q3.Fill in the spaces using the words below

GPS GPR Magnetometer Drone Satellite

1. ……………… is away to find location of something using satellites.
2. Scientist use ………………… and ……………… to collect photographs.
3. Technological tool measures a magnetic field is ……………….
4. ……………….. Can discover objects buried underground.

Q4.Think and Answer (short answer questions)

A) Technological tool could be used for each situation?

1. You want to see if there are any old coins buried underground.
   ----
2. You receive a message from a friend who is lost and you want to try to find them.
   ----
3. You want to find out if there are any old buildings under the ground.

B) Name two tools that archeologists can use to explore the earth?

****

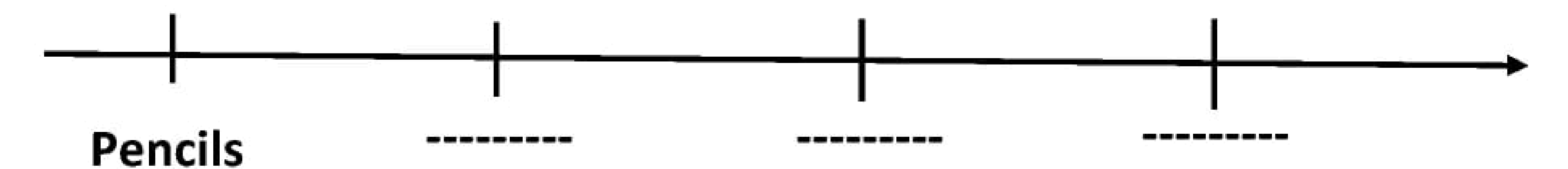
Lesson2

Q1.Match

1. printing machine, calculator and typewriter	**a. Electronic Age**	( )
2. Satellite, smartphones, online maps and word processor	**b. Mechanical Age**	( )
3. Pens, pencils, parchment, paper and abacus	**c. Pre Mechanical Age**	( )
4. Telephone, telephone lines, record player	**d. Electro-Mechanical Age**	( )

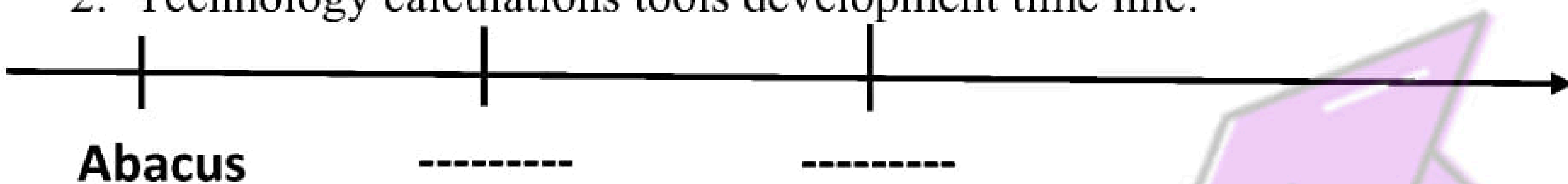
Q2.Complete

1. Technology writing tools development time line:



Pencils --------- --------- ---------

2. Technology calculations tools development time line:



Abacus --------- ---------

Q3.Choose

1. People started to communicate through pictures during ………. Age.

(Electronic / Mechanical / Electro-Mechanical / Pre Mechanical)

2. People recorded a tremendous amount of information during ………. Age.

(Electronic / Mechanical / Electro-Mechanical / Pre Mechanical)

3. Electricity was first used during ………………..Age.

(Electronic / Mechanical / Electro-Mechanical / Pre Mechanical)

4. The information explosion happened during ………………..Age.

(Electronic / Mechanical / Electro-Mechanical / Pre Mechanical)

5. Personal computers, laptops and satellites are key advancement during …………..Age.

(Electronic / Mechanical / Electro-Mechanical / Pre Mechanical)

Q4.Put true (✓) or false (×)

1. Electricity appeared during Mechanical age. ( )
2. Pascaline is one of Electronic Age tools. ( )
3. The information Age still till now. ( )
4. The first digital computer weighed 5 tons. ( )
5. EKB website available online to understand more about history. ( )

Q5.Think and Answer (short answer questions)

A) What method of communication would you choose in each situation?

1. Your friend asks you if you can meet tomorrow, you need to send him/her a short reply to say yes.

----

2. Your grandmother lives in a different place you want to tell her about what you learned in school and what you want to do when you visit her.

----

3. You want to send a short message to your cousin to say happy birthday.

----

4. You use at home in your daily life.

B) During which age was electricity first used?

C) Which age of technology do you find the most interesting, and why?

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Lesson3

Q1.Choose

1. This component allows blind people to use computers.
   (Speaker / Speech Synthesizer / Screen / Braille terminal)
2. This component allows non-verbal people to speak.
   (Speaker / Speech Synthesizer / Screen / Braille terminal)
3. This component allows output of audio.
   (Speaker / Mic / Screen / Scanner)
4. This component allows input of text and images from paper.
   (Speaker / Mic / Screen / Scanner)
5. This component allows input of audio.
   (Speaker / Mic / Screen / Scanner)
6. We use keyboard to enter data then preview information on ………………..
   (Speaker / Mic / Screen / Scanner)

7. .... is the connection channel between user and CPU to achieve commands

(App / operating system / software / Hardware)

Q2.Think and Answer (short answer questions)

According to the function write the name of computer component:

1. This component allows input of text and images from paper.
(...)
2. This component displays Visual data: texts, images and videos.
(...)
3. This component allows input images.
(...)
4. This component allows output of text and images on paper.
(...)
5. This component considered input and output at the same time.

Q3.Fill in the table below

Screen　Camera　Braille Terminal　Scanner　Microphone　keyboard

Speaker　Mouse　Printer　Touch screen　Speech Synthesizer

Input	Output

****

Lesson4

Q1.Fill in the table below

CPU　gaming apps　Google Chrome browser　PowerPoint

Screen　Keyboard　Windows　Microsoft Word

Hardware	Operating System	Application Software
....	....	....
....	....	....
....	....	....

Q2.Put true (✓) or false (×)

1. It sends commands to CPU to control the processed Data and the way of processing.

(MS Word / Operating System / Power Point / Google Chrome)

2. Physical parts of a computer are ……………..

(Operating System / Hardware / Software / Apps)

3. A set of instructions that directs a computer's hardware to perform a task is called ………………

(Operating System / Hardware / Software / Apps)

4. The …………processes the Data and send information to Operating System.

(Mouse / CPU / Keyboard / Screen)

5. The **O**perating **S**ystem receives …………………. and shows at Screen.

(Information / orders / Data / letters)

6. …………… is considered the brain of computer.

(Mouse / CPU / Keyboard / Screen)

Q3.Think and Answer (short answer questions)

A) Rearrange the sentences below:

( ) CPU sends information to operating system.

( ) A student writes in MS Word.

( ) The operating system receives the information and shows on Screen.

( ) The CPU processes the DATA.

( ) The operating system sends DATA to the CPU.

B) Write 3 devices that you would like to use during a video chat?

C) What is Software? Write one of them?



Lesson5

Q1.Complete the sentences using the words below

Assistive Technology	**Stephen**	**Albert Lin Hand bike**
Para climbing tools	**Football that make noise**	**Assistive**
Hearing aids	**Alternative communication software**	

1. Stephen Hawking was a famous scientist who used ……………. Technology to help him communicate.
2. ………………… has an amputated leg, and he still travels around the word by using prosthetic leg
3. Help people who suffer from hearing problems to hear well is ……………
4. ………………………… is Technological tools that help people of determination.
5. People who have visual impairment use ………………… to magnify everything on computer screen
6. ……………help people of determination to communicate with others.
7. It has 3 wheels and is powered by your hands it's …………………
8. ………………………..allow climbers to climb mountains.

Q2.Think and Answer (short answer questions)

A) Write how the assistive technologies can be useful for people:

1. Sports balls that make a noise (……………………………………………….)
2. Cell phones with large buttons. (……………………………………………….)
3. Hearing aids (……………………………………………….)
4. Screen magnification Software (……………………………………………….)
5. Motorized Wheelchairs. (……………………………………………….)

B) What is assistive Technology?

…………………………………………………………………………………

C) Write one example on assistive Technology Tool that improve people's lives?

…………………………………………………………………………………



Lesson6

Q1.Choose

1. Press and hold the "Ctrl","Alt" and "del" buttons when …………………

   (Can't find a file / screen freezes/app can't open /pointer can't work)

2. Do a search using the search box next to the start button to …………………

   (Find a file / screen freezes/app can't open /pointer can't work)

3. Restart your computer and try opening it again when …………………

   (Find a file / screen freezes/app can't open /pointer can't work)

4. Uninstall and reinstall the app when ……………………………

   (Find a file / screen freezes/app can't open /pointer can't work)

5. You can use ………………………. To write school reports and Home work.

   (MS PowerPoint / MS word/MS Excel /Windows)

Q2.Read and Answer

A)

- My PC suddenly, the screen freezes what can I do?
  1. ……………………………………………………
  2. ……………………………………………………
- Maged can't find a file on his PC. What solutions could he try?
  1. ……………………………………………………
  2. ……………………………………………………
- When Reem clicks on her music app, it doesn't open. What solutions could she try?
  1. ……………………………………………………
  2. ……………………………………………………
- Karim tries to type his name and when he starts the keyboard isn't typing. What solutions could he try?
  1. ……………………………………………………
  2. ……………………………………………………
- Jidda tries to open her favorite game but the mouse cursor isn't working. What solutions could he try?
  1. ……………………………………………………
  2. ……………………………………………………

B) Identify ICT problem, and how to solve?



Lesson7

Q1.Choose

1. Scientists and archaeologists can ……………. To solve problems.

   (Read - write – search – ask)

2. The best way to interpret a lot of Data is to look for ………………

   (Face book - YouTube – Whats App – trends)

3. ………………………..is a digital tool that can be used to organize Data.

   (MS PowerPoint – MS Excel – Windows – MS Word)

4. When you analyze the data you've collected, you review your …………….

   (Data – Findings – information – analyze)

5. Once you have analyzed the information you have collected, you're ready to graph the ……………..

   (Data – Findings – information – analyze)

6. The best program for analyzing data is …………………

   (MS PowerPoint – MS Excel – Windows – MS Word)

7. You can use it printed or digital to collect Data.

   (Survey – experiments – books – interviews)

8. The students do a ……………………. inside the class to collect Data about their favorite technology tool.

   (Survey – experiments – books – interviews)

9. Inside Since lab we make a lot of ……………………. With our teacher to collect Data.

   (Survey – experiments – books – interviews)

10. The most common graph is …………………… to graph information.

    (Line – Bar – column – Pie)

11. ……………………is an easy way to express survey results.

    (Survey – experiments – books – graph)



Lesson8

Q1.Choose

1. A common way to report Data is through ....
   (Blog / Email / TV programs / Social Media)
2. .... Is an online website where a writer or a group of writers share their views on an individual subject
   (Blog / interviews / TV programs / Social Media)
3. A blogger is someone who runs and controls a ....
   (Interviews / TV programs / Blog / Social Media)
4. Away to report information, it's a face-to-face conversation called ....
   (Blog / interviews / TV programs / Social Media)
5. Away to report information by writing posts and comments through ....
   (Blog / interviews / TV programs / Social Media)
6. Away to report information through talk show, this way called ....
   (Blog / interviews / TV programs / Social Media)
7. .... It's a reliable source of information.
   (Google / EKB / Blog/ Social Media)

Q2.Think and Answer (short answer questions)

1. Mention two communication tools that you can use to communicate with your teacher and students?
   ....
   ....
2. What is the last stage after analyzing Data?
   ....
3. What is the importance of communicating through electronic means with other?
   ....
4. What is the best way to interpret a lot of DATA?
   ....
5. Write three ways that researchers use to report Data?
   ....
6. What is one reason a blog may not be a reliable source?
   ....



Theme2

Lesson1

Q1.Rearrange the sentences below:

( ) Cross check facts by trying to find them in more than one place.

( ) Decide what information you want to find out.

( ) Look carefully at the information that you have found.

( ) Tell the reader where the information came from.

( ) Think about the search terms or key words you will use.

Q2.Think and Answer (short answer questions)

1. What is the basic problem with finding out information?
   ----
2. Why might it be easier to find information about some areas of research than others?
   ----
3. List three sources researches can use to do research?

****

Lesson2

Q1.Complete the sentences, use the words from the box

Block	**download**	**instant message**	**personal information**	**spam**

1. An email from an unknown address that includes advertisements is likely to be ……………………………..
2. When you …………………. a file, you save it to your device.
3. If you ……………… someone, they will no longer be able to contact you or view your account.
4. Think carefully before you share address or other ………………………. Online.
5. You can use …………………….. to communicate with friends.

Q2.Choose

1. You get a message from a stranger on your social media account sending you a video to watch what should you do?
   a. Down load the video to watch later.
   b. Write a replay and say you can't wait to watch it.
   c. Delete and ignore the message.
   d. Send him friend request.

2. A friend sends you a strange picture that scares you what should you do?
   a. Send the picture to all your friends.
   b. Copy the picture to your computer.
   c. Tell a parent.
   d. Send a message back with an even scarier picture.

3. If you accidently view unsafe or inappropriate site what should you do?
   a. Leave the site and tell your parent.
   b. Be panic.
   c. Keep the site opened.
   d. Stop using technology.

4. When you …………………someone, that person can't see your posts or contact you.
   a. block **b. spam** **c. download** **d. share**

5. …………… mail includes unwanted messages.
   a. block **b. spam** **c. download** **d. share**

6. When you are using the internet, you might want to …………….. a file.
   a. block **b. spam** **c. download** **d. share**

7. If you have a message from someone who is bulling you
   a. block **b. spam** **c. download** **d. share**

Q3.Think and Answer (short answer questions)

1. What do computer viruses do to a device and to the information on the device?
   ----
2. What should you do before tagging a friend in a photo or post?
   ----
3. What is an example of online bullying?

****

Lesson3

Q1.Choose

1. Nadia went to her friend's birthday party, she took a lot of photos what should she do?
   a. Share all photos on face book.
   b. Tagged all her friends in a post.
   c. Take a permission from her friends to share.
   d. Select the funniest ones and share.

2. One of ethical behavior is to ……………….. a source.
   a. ignore **b. credit** **c. mention** **d. edit**

3. When you tag someone, the tag provides a …………. To the person's profile.
   a. link **b. message** **c. request** **d.**

4. It's a software which you can use to create presentations.
   a. Windows **b. MS Word** **c. PowerPoint** **d. google.**



5. This type of sites can may publish inaccurate and harmful material.
   a. Trusted sites
   b. Scientific sites
   c. Banned sites
   d. Communication site

Q2.What are the pros and Cons of ICT tools in everyday life?

Pros of using ICT tools	Cons of using ICT tools



Question bank for October and November 2021



fourth grade



Information and Communication Technology ICT

Choose between brackets

1- The magnetometer is used in (determining a location on the map - finding minerals in the ground - finding buried objects in the ground)

2- In the era of the electronic revolution (information) was invented (satellite - manuscripts - Pascaline machine).

3- From the computer input devices (speech synthesizer - typing - keyboard)

10 4- All of these devices are output devices except for (scanner - headphones - terminal Braille system).

5- Computer types (laptops - tablets - both)

6- A device that allows non-speaking people to speak and communicate with others (speakers - terminal Braille system - speech synthesizer)

7- A device that allows blind people to read (speakers - terminal Braille system - speech synthesizer)

8- The mediator between the user and the computer that helps the user to run programs is (software – operating system – CPU).

9- It is used to process the data entering the computer and convert it into information (software - operating system - CPU).



10- Our deaf sisters (hearing loss) can use technological tools such as (earphones - prosthetic limbs - screen magnification software).

11-People of determination (blind- deaf- hard of hearing) use soccer balls that emit a sound.

12- People of determination (blind, visually impaired, hard of hearing) use screen magnification software

13- People of determination (blind, speech-impaired- hard of hearing) use alternative communication software.

14- In case you encounter a problem that the mouse pointer does not work (make sure it is connected to the motherboard - press Alt + Del + Ctrl - we search in the downloads folder)

15- In case you encounter a problem that the screen has stopped displaying data (make sure it is connected to the motherboard - we press Alt + Del + Ctrl - we look in the downloads folder)

16- In case you encounter the problem of not being able to open an application (make sure it is connected to the motherboard - restart the computer - look in the downloads folder)

17- In case you encounter the problem of not finding a file that you have previously written in Word (we look in the Documents folder - we look in the Downloads folder - we look in the Pictures folder)

18- In case you encounter the problem of being unable to find a file that you have downloaded from the Internet (we look in the



Documents folder - we look in the Downloads folder - we look in the Pictures folder)
19- One of the most famous graphing methods (circle - columns - lines)
20- The reports and publications on the various websites are considered as sources of ……. information (digital - paper - both).
21- Books and magazines are considered as sources of …………information (digital - paper - both).
22- From data sources (books - opinion polls - both) Anika Olah searched for the strange type of nut (on the Internet - in books - in magazines)
24- While you are using social networking sites, you come across an unpleasant person who disturbs you with the solution (blocked - not using social media - restarting the device)
25- Someone sent you an electronic link that you must (open - do not open - block it)
26- When using information technology tools, you must (respect the law - mention the sources of information - both)

Put a mark ✓ or ×

1- We use the GPS device to determine the position ( )
2- We use the ground penetrating radar to search for minerals underground ( )
3- Hieroglyphic writing appeared in the era of the mechanical revolution ( )



4- The first digital computer of the same size appeared ( )
5- The Pascaline was used like a calculator ( )
6- The Pascaline machine appeared in the era before the mechanical revolution ( )
7- The speech complex helps people of determination communicate with others( )
8- The microphone is used to output sound from the computer()
9- The Terminal Braille system can help blind people of determination ( )
10- The central processing unit (CPU) processes the data sent by the operating system ( )
11- The scientist Albert Lin lost his leg and relied on the blind cane to lead his life normally ()
12- The scientist Stephen Hawking used a prosthetic limb to communicate with others ( )
13- In the event that you encounter the problem of not being able to open an application, you can delete the application and reinstall it to solve the problem ( )
14- If the keyboard stops working, you can replace it to solve the problem ( )
15- When preparing a research, you must make sure that the information you collected is correct ( )
16- To show you accurate search results, you must use safe sites ( )



17- To protect your computer from viruses, you must download files from trusted sites ( )

18- One of your colleagues published information from a site and did not mention the name of the site ( )

19- Your friend must ask your permission before posting a personal picture of you on social media

20- One of the advantages of information and communication technology is helping people of determination ( )

21- One of the disadvantages of information and communication technology is that it enables you to communicate with others anywhere ()

22- It is preferable to use electronic devices and the Internet at all times ( )

23- The use of electronic devices without limits may cause health and social problems ( )

24- If you refer to one of your friends a tag, you must first ask his permission ( )

25- There is no objection to sharing your personal information with people on social networks ( )

26- You can enter video files to the computer through the camera ( )



Exam Revision

Mr. Ahmed Elbasha

✹(1) Choose the right answer :

1. .... an electronic device whose function is to receive data, process it, convert it into information, and store and retrieve this information at any time.

a. Computer PC b. Laptop c. Tablet d. all the previous

2. The computer is used for ....

a. Writing documents b. Sending e-mail and surfing the Internet
c. Games d. All the previous

3. The shape of the computer and its components differ according to ....

a. Type and date of manufacture b. Mouse
c. Keyboard d. Speakers

4. .... used for writing on the computer.

a. Mouse b. Keyboard c. Spreadsheet d. Email

5. .... of the basic components of a computer.

a. Speakers b. Microphone c. Screen d. Camera

6. .... a device for extracting information from a computer onto papers.

a. Printer b. Keyboard c. Monitor d. Scanner

7. .... is collected and paper data, from different sources.

a. Data b. paper data c. Digital data

8. Program ... is one of the digital means that can be used to organize information.

a. Windows b. Android c. Excel

9. You can create .... on paper or do it use a spreadsheet program.

a. graphs b. oil paintings c. cartoons

10. The most popular graph is a .... graph because it shows different categories of information and clearly compare them.

a. horizontal b. column c. horizontal and vertical

11. .... **are the methods that you can adopt to create graphs**

a. Data collection b. data analysis c. All of the previous

12. The .... **is one of the means of modern technology, used to communicate with others.**

a. Mobile phone b. social media c. Tablet

13. The .... **was used for the first time in the era of the mechanical revolution.**

a. GPS b. printer c. graphics

14. A .... **is an electronic device whose function is to receive and process data, store and retrieve information at what time.**

a. computer b. GPS c. printer

15. Windows is one of the most popular ....

a. application b. operating systems c. program

16. The .... **was used for the first time in the era of the electronic revolution.**

a. graphics b. printer c. GPS

17. .... **of the basic components of a computer.**

a. Camera b. central processing unit (CPU) c. Microphone

18. .... **are responsible for running and managing a computer.**

a. Laptop b. Operating systems c. graphics

19. The era of the electronic revolution is known as the era of the information revolution that saw the invention of ....

a. Satellites b. Papers c. Images

20. The .... **is used to type letters and numbers on the computer.**

a. Blogs b. PC c. keyboard d. Video chat

21. A .... **provides independent mobility for those who cannot walk without assistance from others.**

a. headphones b. wheelchair c. technology

22. One of the ways archaeologists rely on reporting on the information they collect.

a. Interviews b. multimedia c. Email

✹(2) Put (√) or (X)

1. Archaeologists determine which sites to dig, based on the results of an aboveground survey. ( )
2. Images obtained from satellites and drones are among the tools that archaeologist (Albert Line) can rely on in his work. ( )
3. The use of technology is limited to archaeologists and not to other scientists. ( )
4. (Albert Line) is the discoverer of Tikal. ( )
5. Technological tools help archaeologists explore in simple and easy ways, saving effort and cost. ( )
6. A magnetometer, is a Global Positioning System, used by archaeologists to search for specific locations above the Earth's surface with satellites. ( )
7. Ground-penetrating radar is used to take pictures of different places, as well as for communications. ( )
8. Electricity was used for the first time in the era before the mechanical revolution ( )
9. The telephone and the computer are among the different technological means that have helped people to communicate. ( )
10. The era of the electronic revolution is known as the era of the information revolution, which witnessed the invention of satellites. ( )
11. E-mail and text messages are not from the means of communication ( )
12. All computers have fixed uniform components and shape . ( )
13. Some computers are handled by touch. ( )
14. The mouse is one of the information output devices ( )
15. Microsoft Word is one of the basic components of the computer. ( )
16. Computers are used to run games applications only. ( )
17. (Android) is one of the operating system software. ( )
18. Computers are used for various purposes such as taking notes or browsing the Internet and create tables. ( )
19. The printer processes the data entered the computer. ( )

20. You should ask your teacher for help if you have a problem with your computer at school and you can't solve it. ( )

21. Tablets and PCs are not ICT devices ( )

22. Press the Ctrl, Alt, and Del buttons together for a short period when screen stopped on display data and information. ( )

23. Computer and mobile phone are information technology and communication devices. ( )

24. Press the Ctrl, Alt, and Del buttons together for a short period if you can't find the Microsoft Word file. ( )

25. You can follow the steps for collecting, analyzing, and expressing data in graphs, to create a survey for your classmates about favorite subjects ( )

26. You can't make graphs on paper, but you can create them with spreadsheet software (Excel) only. ( )

27. Software applications are used to collect data and are not used to analyze and express them in a graph. ( )

28. It is best to extract recurring patterns from the data to be able to analyze it. ( )

29. The next step for analyzing the information obtained is to express it in a graph. ( )

30. Television programs are visual communication (audio and image) over the Internet using a webcam ( )

31. E-mail service is the sending and receiving of short messages written using a mobile phone. It is also called Short Message Service (SMS) . ( )

32. Social media is a modern technology, based on the web. It allows communication and interaction between people through messages. ( )

33. The mobile phone is one of the means of modern technology, used to communicate with others. ( )

34. Some digital articles contain text only, and some incorporate multimedia such as images and infographics. ( )

35. GPS is used in racing cars. ( )

36. Unmanned aerial vehicles (UAVs) cannot take pictures. ( )

37. The explorer is looking for petroleum only. ( )

38. Satellites used to transmit ball matches only. ( )

39. The data is analyzed in order to organize the data in a graph. ( )

40. A type of data is numeric data. ( )

41. The graph shows the volumetric relationship between the numerical quantities. ( )

42. There are no different sources of data. ( )

43. All data is reliable. ( )

44. Data is the raw material from which information is made. ( )

45. data analysis process is data collection process. ( )

46. It is not possible to graph all the data. ( )

47. Every computer must have an operating system. ( )

48. The PowerPoint program makes a presentation of a project in a simple and easy way. ( )

49. Word program does the work of electronic arithmetic tables. ( )

50. The printer that used to print books was created in the era before the mechanical revolution. ( )

51. You don't have to be a scientist or an engineer to use a computer. ( )

52. The first computer was discovered in the era of the mechanical revolution. ( )

53. Albert Lane was only using digging to explore underground objects. ( )

54. There are no different sources of data. ( )

55. We are reviewing and analyzing the data to know what happened in the past. ( )

56. It is not necessary to write the addressee's e-mail. ( )

57. The most popular sites that can create digital published articles - Wikipedia. ( )

58. All sites offer voice chat service. ( )

✹(6) TRY TO ANSWER:

1

Complete the following sentences :

(Satellites - Global Positioning System – Drones -Ground-penetrating radar)

1. .... one of the tools used by archaeologists to find buried objects underground.
2. The pictures obtained by archaeologists, some of which may be from .... others may be from ....
3. You receive a message from a friend informing you that he has lost his way, so you try to find him using .... it is called GPS.
4. .... a device measures the magnetic field and is used to detect minerals in the ground.

2

Dates		**Age of technology**	**Inventions**
1	1450 - 1840	....	The printer, the first version of the calculator (Pascaline-machine)
2	300 BC:1450 m	....	Pictures , graphics, letters , and numbers
3	From 1940 AD to the present	....	GPS and laptops
4	From 1840 AD to 1940 AD	....	Using electricity for the first time and the first digital computer

3

Complete the following sentences :

(Applications - Operating Systems - Windows - Operating System)

1. Computer software is divided into .... programs and application programs.
2. .... one of the most famous and well-known operating system programs.
3. .... are ready-made, multi-purpose software and services.
4. .... it is the program responsible for operating and managing the

4

Assistive technology device name		Function
1	....	It helps people with hearing problems.
2	....	Provides independent mobility for those who cannot walk without assistance from others.
3	....	It helps to rehabilitate people of determination, increase their self-confidence, and re!11ove obstacles and difficulties that hinder their ·Integration into society
4	....	People of determination and amateurs who lost _a limb .were able to climb the mountains.
5	....	Enabling people of determination who cannot feed themselves to do so.

5

Complete the following statements from the brackets:

(search - a member of your family - cable - software update pictures - ICT tools - reboot the computer)

1. If you are unable to open an application, restart your computer and try to open the application again, or ....
2. If you can't type with the keyboard, make sure the keyboard cable is plugged in the right place. Then ....
3. Seek help from .... in case you encounter a problem with your computer at home and are unable to resolve it.
4. If you can't find an image file, search for it in the .... folder.
5. If the mouse pointer does not work, be sure to connect it's .... to the appropriate place.
6. Computer, laptop, and tablet are ....
7. ICT tools help you .... for information on the Internet, or write some reports and assignments related to your studies.

6

Fill in the blanks in the following table from the rackets.

(Video chats - Interviews - Blogs - Email - Published digital articles)

1	Allows an individual or group of individuals to express their opinions to their followers or audience.	....
2	It is the most common way to share data. You can write a short report with related files.	....
3	It is a visual communication (audio and image) over the Internet using a webcam.	....
4	They are websites, displaying information in chronological order to the date of publication.	....
5	One of the ways archaeologists rely on reporting on the information they collect.	....

7

(GPS Above Ground Object Locator System - ground penetrating radar - magnetometer)

1. .... uses to locate minerals from underground .
2. .... uses to locate objects above the ground .
3. .... uses to locate underground objects.

8

Choose the correct answer from the brackets:

(Data collection - data sources - bar graph - paper - excel)

1. The most common graph is ....
2. from .... Books and references.
3. You can draw graphs on ....
4. One of the most popular applications for using graphs ....
5. At .... you must ensure that the information is correct.

9

Write the names of three of the output units:

1. ....

2. ....

3. ....

10

Write the names of three of the input units:

1. ....

2. ....

3. ....

11

Sort by stage of development from oldest:

- The advent of the laptop. ( )
- Use of graffiti. ( )
- The emergence of printing and the use of the Pascaline machine. ( )
- The invention of the first computer in history. ( )

Model Answer

(1) Choose the right answer :

1. D	**7.** C	**13.** B	**19.** A
2. D	**8.** C	**14.** A	**20.** C
3. A	**9.** A	**15.** A	**21.** B
4. B	**10.** B	**16.** C	**22.** A
5. C	**11.** C	**17.** B	
6. A	**12.** A	**18.** B	

(2) Put (√) or (X)

1. (√)	**13.** (√)	**25.** (√)	**37.** (X)	**49.** (X)
2. (√)	**14.** (X)	**26.** (X)	**38.** (X)	**50.** (X)
3. (X)	**15.** (X)	**27.** (X)	**39.** (√)	**51.** (√)
4. (√)	**16.** (X)	**28.** (√)	**40.** (√)	**52.** (X)
5. (√)	**17.** (√)	**29.** (√)	**41.** (√)	**53.** (X)
6. (X)	**18.** (√)	**30.** (X)	**42.** (X)	**54.** (X)
7. (X)	**19.** (X)	**31.** (X)	**43.** (X)	**55.** (√)
8. (X)	**20.** (√)	**32.** (√)	**44.** (√)	**56.** (X)
9. (√)	**21.** (X)	**33.** (√)	**45.** (X)	**57.** (√)
10. (√)	**22.** (√)	**34.** (√)	**46.** (√)	**58.** (X)
11. (X)	**23.** (√)	**35.** (√)	**47.** (√)	
12. (X)	**24.** (X)	**36.** (X)	**48.** (√)	

(3) TRY TO ANSWER:

1

(1) Ground-penetrating radar | (2) Satellites - Drones

(3) Global Positioning System | (4) Magnetometer

2

(1) The mechanical revolution | (2) Before the mechanical revolution

(3) The electronic revolution | (4) The electrical/mechanical revolution

3

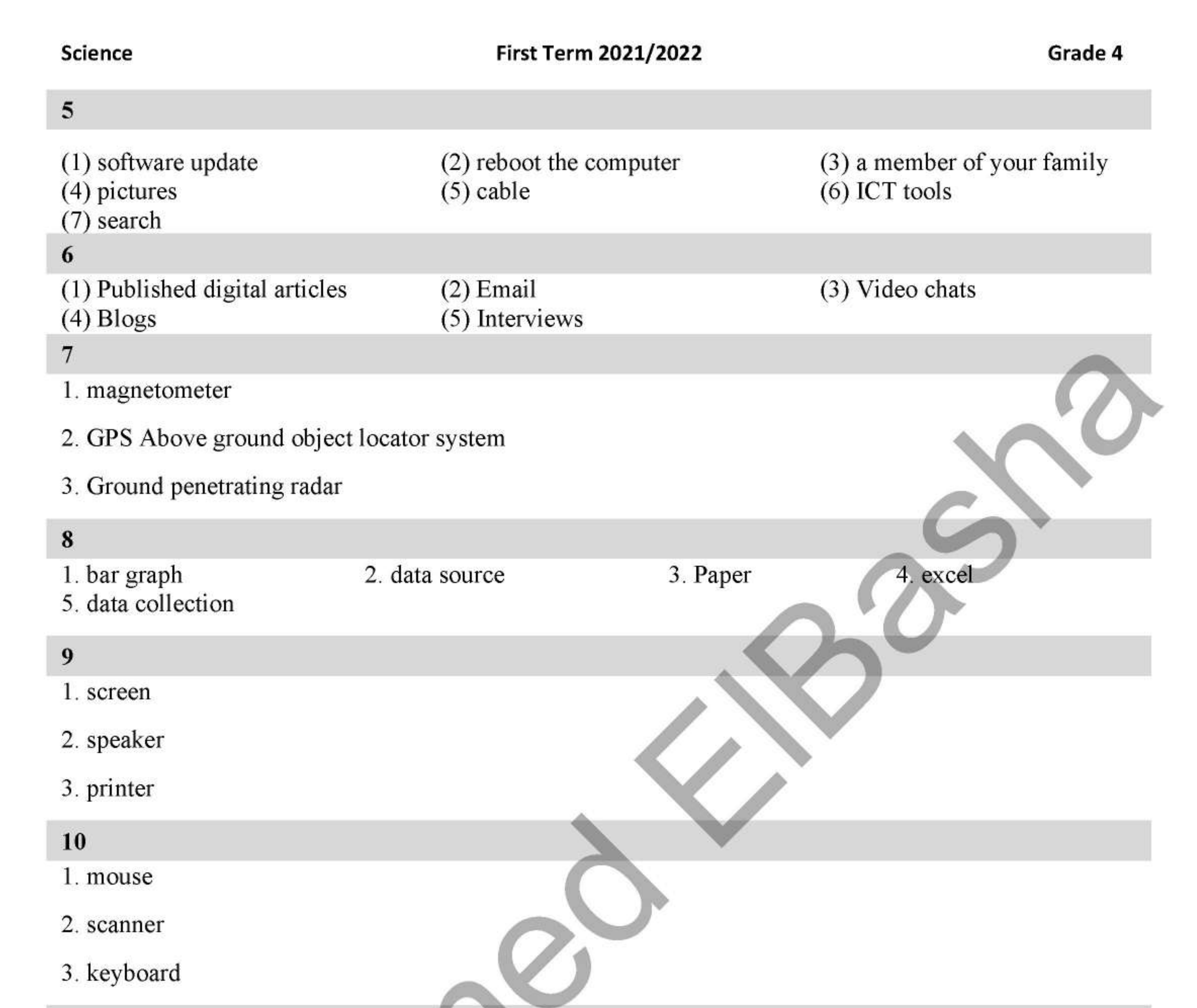
(1) Operating Systems | (2) Windows

(3) Applications | (4) Operating System

4

(1) headphones | (2) wheelchair | (3) assistive technology

(4) sports equipment | (5) Eating aids



5

(1) software update	(2) reboot the computer	(3) a member of your family
(4) pictures	(5) cable	(6) ICT tools
(7) search		

6

(1) Published digital articles	(2) Email	(3) Video chats
(4) Blogs	(5) Interviews	

7

1. magnetometer

2. GPS Above ground object locator system

3. Ground penetrating radar

8

1. bar graph	2. data source	3. Paper	4. excel
5. data collection			

9

1. screen

2. speaker

3. printer

10

1. mouse

2. scanner

3. keyboard

11

1.4	2.1	3.2	4.3

Put the word true in front of the correct statement and the word false in front of the incorrect statement:

1. The taxi driver depends on the GPS. ☑

2. The first computer appeared in the era of the electric revolution to entertain people in their daily lives.☒

3. Sharing your password with others is considered security for you on the Internet.☒

4. The advertising poster depends on the passers-by on the way.☑

5. Using unknown links increases user exploration☒

6. Putting personal opinions on social media is difficult, as they are subject to monitoring and scrutiny.☒

7. The laptop has an internal microphone☑

8. Open websites are not considered a reliable source of information. ☑

9. Pressing (ALT + CTRL + DEL) helps to restore the computer and its recovery. ☑

10. The Egyptian Knowledge Bank website is a trusted source in terms of content☑

11. Downloading the image on your device means placing a copy of it on the Internet. ☒

12. There are unknown people on social media who want to communicate for the purpose of data theft. ☑

13. E-mail is considered personal information. ☑

14. The computer has a high storage capacity for storing data. ☑

15. The software on the tablet is a miniature version of the software on the personal computer. ☑

16. The sites can only be accessed using browsers such as Google Chrome. ☑

17. There is a complementary relationship between the microphone and the speakers☑

18. The magnetometer is used to detect cities buried underground. ☒

19. When you download a file, you save it on your computer. ☑

20. spam may be an advertisement for a fake product. ☑

21. Your aunt lives in another country and you want to send her your photos. You must use e-mail. ☑

22. Word processing software depends on the presence of the keyboard☑

23. The era before the mechanical revolution was the beginning of the emergence of modern technology and inventions. ☒

24. Some questions that the search engine cannot find answers to. ☑

25. A pseudonym is considered personal data. ☒

26. Visually impaired people interact with the computer with the computer through eyeglasses. ☒

27. In the event that an application does not respond to opening more than once, it must be deleted and reinstalled. ☑

28. Bullying causes a person to lose confidence. ☑

29. The advertising poster is used to display the opening of a swimming training center. ☑

30. The doctor needs the ground-penetrating radar in his field of work. ☒

31. Newspapers appeared with the advent of the printer in the era of the mechanical revolution. ☑

32. Your laptop needs an external mouse. ☒

Complete the following statements with appropriate answers:

1. It is used in writing articles and books Ms Word

2. It obstructs the effectiveness of the computer from carrying out its tasks.virus

3. Sarah, as a researcher, relies on Trusted sources to perform her scientific research and read the latest articles in the field of treatment

4. browser is considered the main tool for accessing websites.

5. The ground penetrating radar device detects things buried underground

6. You should not share your personal data with unknown persons to avoid spam

7. It helps you to access all your accounts and you must remember it is password

8. A laptop is considered easy to navigate because it is light weight

9. The touch screen is considered input and output device at the same time.

10. To obtain a new passport, you must use a link that ends with .gov

11. social media is considered an unreliable source for gathering information.

12. Graphs are a good way to view and compare data.

13. It is considered a digital resource that helps in research.blogging

14. S@d4%f56 is considered a strong password

15. You should not share personal data with an unknown person.

16. Blogs are a trusted source of information.

17. To search for sites that contain both football and handball news, you must use the (+)

18. Windows is one example of operating system

19. It is not personal data nick name

20. When using images from a well-known website in your school project, you must mention the source of the images

Put the appropriate word in place of the dots:

(CPU - Google - the era of the mechanical revolution - alternative communication software- Graph - digital blogs - social networking sites)

1. It is considered one of the most famous search engines that helps to access information Google

2. Sites that contain personal opinions and in which the content administrator is only one person: digital blogs

3. A means of presenting data in an easy and concise manner Graph

4. A tool that helps to communicate with friends around the world social networking sites

5. Responsible for data processing is CPU

6. It helps in converting texts into audible speech alternative communication software

(Instant text messages - download - browser - results - .com - .eg - bullying - spam)

7. You can use it to communicate with your friend who is in another governorate Instant text messages

8. Behaving in an unpleasant manner towards other people bullying

9. It is accessed after searching for a specific information results

10. An application that helps to open websites and use the Internet browser

11. The process of transferring files from the Internet to your device download

12. The link that indicates that the content is specific to Egypt ends with .eg

(operating systems - central processing unit - internet - digital articles - speech synthesizer - alternative communication software - prosthetics)

13. Those who lose a part of their body need it to carry out their daily tasks prosthetics

14. Ahmed creates digital articles for his direct manager for the work he did within a week.

15. The network that contains all the websites and blogs internet

16. The application that helps the speech and hearing impaired speech synthesizer

17. The method of communication between the user and the computer and is characterized by ease of use alternative communication software

18. Controls all commands for all devices connected to the computer and how data is passed operating systems

Choose the correct answer from the following options:

1 - To search for the summer fruit avoiding the peach, you must type .... in the search engine

a) "summer fruit" - peaches b) summer fruit - peaches

c) summer fruit except peaches d) summer fruit + peaches

2 - It is .... is considered one of the input devices.

a) the printer b) the microphone c) the monitor d) the speakers

3 - Responsible for sending data to the processing stage to obtain results.

a) software b) CPU

c) operating system d) presentation software

4 - The technology that helps people with disabilities to do their daily tasks easily is

a) operating systems b) modern technology

c) life technology d) assistive technology

5 - To apply in universities and search for educational institutions, you must use the link ....

a) .EG b) .NET c) .EDU d) .GOV

6 - Among the positive effects of information and communication technology:

A) total reliance on Google in search b) the presence of entertaining games

C) dissemination of inaccurate information on the Internet

d) ease of communication with friends outside the country

7 - It is considered an improper standard for creating a password.

a) it must be 8 characters b) it is preferable to use symbols

c) It is preferable to use numbers d) It must contain your name

8- Google Chrome browser has stopped working. the most appropriate solution is....................................

a) close the program and try to open it again

b) make sure the mouse is connected

C) Turning off the device and opening it after a short period of time

d) Ignoring the problem.

9 - .... is a reliable digital resource on the Internet.

a) TV interviews b) printed books c) text messages d) blogs

10 -Must be present in video chats

a) paper, camera and internet b) camera, microphone and internet

c) a camera and internet d) a computer only

11 - The.................. is the easiest way to display the results of a search or an opinion poll.

a) presentation b) word file c) graph d) text messages

12 - The information allowed on the Internet is ....

a) family name b) school name c) pseudonym d) phone number

13 - The most important thing you should ask yourself before posting on social media is........................

a) will it make me famous b) is it suitable for everyone to see

c) Do they have spelling errors d) Are their colors bright?

14 - The information and results can be visually displayed in the form of

a) spreadsheets b) written reports c) mailing letters d) graphs

15 - An email can be sent if there is ....

a) regular mail b) the internet c) windows d) headphones

16 - A device used to convert an image into a digital image.

a) the touch screen b) the scanner c) the mouse d) the microphone

17 - Which of the following is not a function of the operating system?

a) dealing with the web and various websites

b) preventing viruses from being present on the device

C) Coordination between different programs and doing the user's commands

D) Running different programs for the user

18 - What information is on the vertical line of a vertical graph?

a) numbers and numbers b) headings c) column labels d) data

19 - What is the most exposed way to viruses? ....

a) receiving a text message

b) identifying a new device

C) sending a text message

d) downloading an attached file from an unknown e-mail.

20 - You have received many friend requests on your account, which of them can be accepted? ....

a) Ahmed, 40 years old, the employer is unknown

b) Ali, 25 years old, an engineer

c) an unknown person

d) Sarah 11 years old, a student at the same school

21 - One of the advantages of using ICT tools in our lives.

a) privacy b) easy access to information

c) respect for the law d) bullying people

22 - You received an email from an email address that you do not know. You must

a) open the message to see its content

b) ignore the message, delete it and tell your guardian

c) Send a message to this address asking him for his identity

d) Turn off the device

23 - The necessity of attributing information to the source who owns it is important because it is ....

A) Giving everyone his right b) Confirmation that this work is your work

c) make others respect you d) make you famous

24 - The people you prefer to accept as friendship on social networking sites

a) from school b) from another country

c) from different universities d) people older than you

25 - The use of the (+) symbol in the search process makes the results

a) more b) unreliable c) nonexistent d) less

26 - After completing your research, you must share the results with your colleagues. What is the appropriate way to display the results of your work on the computer?

a) An advertising poster

b) a presentation using Microsoft PowerPoint

c) a text message

d) a TV show

Think and answer:

1 - How can you express your distrust of someone while using social media?

I'm blocking this person so they can't see what I'm posting

2 - What distinguishes email from text messages?

E-mail is characterized by its low cost, speed, and the ability to communicate with people in remote countries around the world

3 - How did modern technology help the victims of wars?

Modern technology has helped war victims by creating prosthetic limbs that are a replacement for parts of the body that may have been lost during the war

4 - Create a link that works for a government organization to help citizens understand public laws.

www.lawciten .gov

5 - Write an example of the password according to the security criteria, clarifying your choice @AR45neh!

It consists of 8 letters and contains uppercase and lowercase letters and symbols and does not contain my personal data

6 - You are about to conduct an awareness campaign for those younger than you on how to stay safe while using the Internet. Explain what information you will share

7 - How does technology help the visually impaired? موجود بنسخة البنك العربية

8 - How can I reach sound search results in the end?

10 - What is the importance of using quotation marks "" in the search?

"However difficult life may seem, there is always something you can do and succeed at." Mahmoud Yassin

ICT worksheet for prim 4

Put the word true in front of the correct statement and the word false in front ofthe incorrect statement:

1-The taxi driver depends on the GPS. (√)

2- The magnetometer is used to detect cities buried underground. (×)

3- The Laptop has an internal microphone (√)

4- Pressing ALT + CTRL + DEL helps to restore the computer (√)

5-The Egyptian Knowledge Bank website is untrusted source (×)

6-E-mail is considered Personal information. (√)

7- The computer has a high storage capacity for storing data. (√)

8- When you download a file. You save it on your computer.(√)

9- your laptop needs an external mouse. (×)

10-The doctor needs the ground- penetrating radar in his field of work.(×)

Put the appropriate word in Place of the dots:

(Instant text messages - download - browser - results - .eg – bullying)

1- You can use it to communicate with your friend

Who is in another governorate Instant text messages

2- Behaving in an unpleasant manner towards other people bullying

3- it is accessed after searching for a specific information results

4- An application that helps to open websites and use the Internet browser

5. The Process of transferring files from the internet to your device download

6-The link that indicates that the content is specific to Egypt ends with .eg

(Google – input and output - view – trusted – MS word – personal data)

1-It is considered one of the most famous search engines that helps to access Information Google

2- The touch screen is considered input and output device at the same time.

3-graphs are a good way to view data.

4- Blogs are a trusted source of information.

5- It is used in writing articles and books MS word

6- You should not share personal data with an unknown Person

Choose the correct answer from the following options:

1-Responsible for sending data to the Processing stage to obtain results.

a) Software b) CPU

c) Operating system d) Presentation software

2- To apply in universities and search for educational institutions. you must use the link ....

a) .Eg b) .NET c) .EDU d) .GOV

3- Among the Positive effects of information and communication Technology:

a) Using google in search b) entertaining and games

C) Ease of communication with friends outside the country

d) all of them

4- It is .... is considered one of the input devices.

a) The Printer b) the microphone c) the monitor

d) The speakers

5- The information allowed on the Internet is.........................

a) Family name b) school name c) pseudonym d) Phone number

6- The information and results can be visually displayed in the Form of……………………………….

a) Spreadsheets b) written retorts c) mailing letters d) graphs

7- A device used to convert an image into a digital image.

a) The touch screen b) the scanner c) the mouse d) the microphone

8- One of the advantages of using ICT tools in our lives.

a) Spam b) easy access to information

c) Untrusted sites d) bullying People

9- You received an email from an email address that you do not know. You must

a) Open the message to see its content

b) Ignore the message. Delete it and tell your guardian

c) Send a message to this address asking him for his identity

d) Turn off the device

10- The people you Prefer to accept as information on social Networking sites…………………………….

a) from school b) from another country

c) From different universities d) People older than you